

## EAST Search History

| Ref # | Hits | Search Query   | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--------------------|------------------|---------|------------------|
| L2    | 440  | 313/498-512.ccls. and thickness and refraction   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/06/08 14:54 |
| S1    | 22   | ((("20030141507") or ("5073041") or ("5359345") or ("5363009") or ("5426657") or ("5631190") or ("5633527") or ("5724062") or ("5793062") or ("5799924") or ("5955749") or ("6071795") or ("6091085") or ("6287882") or ("6410942") or ("6420242") or ("6469324") or ("6559075") or ("6657236") or ("5834331") or ("6426515") or ("20030222263") or ("6091085") or ("6287882") or ("6410942") or ("6420242") or ("6469324") or ("6559075") or ("6657236"))).PN.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/08/22 18:02 |
| S2    | 1    | ("20040207323").PN.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/08/23 10:10 |
| S3    | 60   | ((("5834331") or ("6426515") or ("20030222263") or ("6091085") or ("6831302") or ("6504180") or ("6690268") or ("6642618") or ("6784027") or ("6847057") or ("6072628") or ("6122103") or ("6288840") or ("6574383") or ("6504180") or ("6690268") or ("5162878") or ("6828597") or ("5814839") or ("5491350") or ("6303405") or ("20020110172") or ("6222207") or ("6593160") or ("6573537") or ("6465808") or ("20030143772") or ("6762069") or ("6649437") or ("6740906") or ("6791119") or ("6794684") or ("6825502") or ("20040182914") or ("20050019971") or ("5126231") or ("6778746") or ("6742907") or ("20040110856") or ("20040144985") or ("20040207310") or ("20040207319") or ("20040206962") or ("20040206971") or ("20040207320") or ("20040259279") or ("20040259285") or ("20050051785") or ("20050051787") or ("20050087757") or ("20050040424") or ("20050059178") or ("20050059179") or ("20050087754") or ("20050127375") or ("3293513") or ("3922706") or ("4864370") or ("5126231") or ("6071795") or ("6778746") or ("6849558") or ("6307218") or ("5600483"))).PN. | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/08/22 18:08 |
| S4    | 77   | S1 or S3   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/08/22 18:09 |
| S6    | 9    | ((("20050087754") or ("20040207319") or ("20050127375") or ("20050040424") or ("6831302") or ("20040206971") or ("20040207310") or ("20040207320") or ("20040206962"))).PN.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/08/23 10:34 |
| S7    | 7    | S6 and (features same size).clm.   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/08/23 10:37 |
| S8    | 2    | S6 and (packaged adj die).clm.   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/08/23 10:40 |
| S9    | 1    | S6 and (material with gas).clm.  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/08/23 10:41 |
| S10   | 1    | S6 and (gas).clm.  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/08/23 10:42 |
| S11   | 1    | S6 and (gas with air).clm.   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/08/23 10:44 |
| S12   | 0    | S6 and (refraction with one).clm.  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/08/23 10:45 |

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|     |    |   |                    |    |     |                  |
|-----|----|---|--------------------|----|-----|------------------|
| S13 | 2  | S6 and (refraction).clm.  | US-PGPUB;<br>USPAT | OR | ON  | 2005/08/23 10:46 |
| S14 | 1  | S6 and (free with encapsulant).clm.   | US-PGPUB;<br>USPAT | OR | ON  | 2005/08/23 10:47 |
| S15 | 0  | S6 and (cover same refraction).clm.   | US-PGPUB;<br>USPAT | OR | ON  | 2005/08/23 10:47 |
| S16 | 1  | S6 and (cover).clm.   | US-PGPUB;<br>USPAT | OR | ON  | 2005/08/23 10:50 |
| S17 | 2  | S6 and (white adj light).clm.   | US-PGPUB;<br>USPAT | OR | ON  | 2005/08/23 10:52 |
| S18 | 2  | S6 and (sheet same first same second).clm.  | US-PGPUB;<br>USPAT | OR | ON  | 2005/08/23 10:53 |
| S19 | 1  | S6 and (sheet same first same second same white).clm.   | US-PGPUB;<br>USPAT | OR | ON  | 2005/08/23 10:54 |
| S20 | 5  | S6 and (support same stack same material).clm.  | US-PGPUB;<br>USPAT | OR | ON  | 2005/08/23 10:56 |
| S21 | 0  | S6 and (reflective same "50" same impinges adj support).clm.  | US-PGPUB;<br>USPAT | OR | ON  | 2005/08/23 10:56 |
| S22 | 0  | S6 and (reflective same "50" same impinges).clm.  | US-PGPUB;<br>USPAT | OR | ON  | 2005/08/23 10:56 |
| S23 | 7  | S6 and (reflective same impinges).clm.  | US-PGPUB;<br>USPAT | OR | ON  | 2005/08/23 10:57 |
| S24 | 2  | S6 and (reflective same heat adj sink).clm.   | US-PGPUB;<br>USPAT | OR | ON  | 2005/08/23 10:58 |
| S25 | 2  | S6 and (heat adj sink same vertical same gradient).clm.   | US-PGPUB;<br>USPAT | OR | ON  | 2005/08/23 10:59 |
| S26 | 0  | S6 and (heat adj sink same support).clm.  | US-PGPUB;<br>USPAT | OR | ON  | 2005/08/23 11:00 |
| S27 | 6  | S6 and (current same spreading).clm.  | US-PGPUB;<br>USPAT | OR | ON  | 2005/08/23 11:01 |
| S28 | 5  | S6 and (electrical same inject same current).clm.   | US-PGPUB;<br>USPAT | OR | ON  | 2005/08/23 14:05 |
| S29 | 2  | "6504180".pn. or "6690268".pn.  | US-PGPUB;<br>USPAT | OR | ON  | 2005/08/23 18:37 |
| S30 | 1  | "20040207323".pn.   | US-PGPUB;<br>USPAT | OR | ON  | 2005/08/24 13:10 |
| S31 | 1  | "5779924".pn.   | US-PGPUB;<br>USPAT | OR | ON  | 2005/08/23 19:15 |
| S32 | 22 | ((("20030141507") or ("5073041") or ("5359345") or ("5363009") or ("5426657") or ("5631190") or ("5633527") or ("5724062") or ("5793062") or ("5799924") or ("5955749") or ("6071795") or ("6091085") or ("6287882") or ("6410942") or ("6420242") or ("6469324") or ("6559075") or ("6657236") or ("5834331") or ("6426515") or ("20030222263") or ("6091085") or ("6287882") or ("6410942") or ("6420242") or ("6469324") or ("6559075") or ("6657236"))).PN. | US-PGPUB;<br>USPAT | OR | OFF | 2005/08/23 19:15 |

## EAST Search History

|     |      |  |  |    |     |                  |
|-----|------|--|--|----|-----|------------------|
| S33 | 60   | ((("5834331") or ("6426515") or ("20030222263") or ("6091085") or ("6831302") or ("6504180") or ("6690268") or ("6642618") or ("6784027") or ("6847057") or ("6072628") or ("6122103") or ("6288840") or ("6574383") or ("6504180") or ("6690268") or ("5162878") or ("6828597") or ("5814839") or ("5491350") or ("6303405") or ("20020110172") or ("6222207") or ("6593160") or ("6573537") or ("6465808") or ("20030143772") or ("6762069") or ("6649437") or ("6740906") or ("6791119") or ("6794684") or ("6825502") or ("20040182914") or ("20050019971") or ("5126231") or ("6778746") or ("6742907") or ("20040110856") or ("20040144985") or ("20040207310") or ("20040207319") or ("20040206962") or ("20040206971") or ("20040207320") or ("20040259279") or ("20040259285") or ("20050051785") or ("20050051787") or ("20050087757") or ("20050040424") or ("20050059178") or ("20050059179") or ("20050087754") or ("20050127375") or ("3293513") or ("3922706") or ("4864370") or ("5126231") or ("6071795") or ("6778746") or ("6849558") or ("6307218") or ("5600483"))).PN. | US-PGPUB;<br>USPAT   | OR | OFF | 2005/08/23 19:15 |
| S34 | 77   | S32 or S33   | US-PGPUB;<br>USPAT   | OR | ON  | 2005/08/23 19:15 |
| S37 | 78   | S34 or S31   | US-PGPUB;<br>USPAT   | OR | ON  | 2005/08/23 19:16 |
| S38 | 324  | 313/581.ccls.  | US-PGPUB;<br>USPAT   | OR | ON  | 2007/06/08 14:52 |
| S39 | 5428 | 313/503,504,506,512,44,33.ccls.  | US-PGPUB;<br>USPAT   | OR | ON  | 2005/08/23 19:33 |
| S40 | 1884 | ((light with emitting) or LED) and (light with generating) and layer and (index with refraction)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/08/23 19:37 |
| S41 | 8892 | ((light with emitting) or LED) and layer and (index with refraction)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/08/23 19:38 |
| S42 | 2158 | S41 and packag\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/08/23 19:44 |
| S45 | 6041 | S41 and transparent  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/08/23 19:43 |

## EAST Search History

|     |      |   |  |    |    |                  |
|-----|------|---|--|----|----|------------------|
| S46 | 774  | S45 and phosphor  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2005/08/23 19:44 |
| S48 | 2240 | S45 and white   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2005/08/23 19:45 |
| S49 | 466  | S46 and S48   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2005/08/23 19:45 |
| S50 | 314  | S49 and (white adj light)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2005/08/23 19:45 |
| S51 | 244  | S50 and reflective  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2005/08/23 19:46 |
| S52 | 64   | S51 and (heat adj sink)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2005/08/23 19:47 |
| S53 | 16   | (US-20040208216-\$ or US-20040227148-\$ or<br>US-20020093023-\$).did. or (US-5779924-\$ or<br>US-6287882-\$ or US-6303405-\$ or US-6465808-\$ or<br>US-6469324-\$ or US-6504180-\$ or US-6573537-\$ or<br>US-6649437-\$ or US-6690268-\$ or US-6791119-\$ or<br>US-6794684-\$ or US-6847057-\$ or US-6784463-\$).did. | US-PGPUB;<br>USPAT   | OR | ON | 2005/08/24 10:08 |
| S54 | 4    | S53 and index and white   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2005/08/24 10:10 |
| S55 | 7    | S53 and phosphor and transparent  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2005/08/24 10:10 |
| S56 | 9    | S53 and reflective and heat   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2005/08/24 10:10 |

## EAST Search History

|     |      |  |  |    |    |                  |
|-----|------|--|--|----|----|------------------|
| S57 | 4    | S54 and S55 and S56  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2005/08/24 11:11 |
| S58 | 7    | S53 and index not S57  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2005/08/24 11:19 |
| S59 | 11   | S53 and pattern  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2005/08/24 11:19 |
| S60 | 31   | ("4369458"   "4416054"   "4827290"   "5060027"  <br>"5376580"   "5502316"   "5506451"   "5621225"  <br>"5661316"   "5668386"   "5757829"   "5779924"  <br>"5780321"   "5783477"   "5793062"   "5917202"  <br>"5923053"   "5923951"   "5940683"   "6005262"  <br>"6015719"   "6066862"   "6111272"   "6221683"  <br>"6222207"   "6229160"   "6287947"   "6307218"  <br>"6458612"   "6462358"   "6492661").PN. OR<br>("6784463").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2005/08/24 11:28 |
| S61 | 19   | S60 and wavelength   | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2005/08/24 11:31 |
| S62 | 9    | S60 and ((thickness or height) same wavelength)  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2005/08/24 11:44 |
| S63 | 46   | S53 or S60   | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2005/08/24 11:44 |
| S64 | 16   | S63 and package\$1 and die   | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2005/08/24 11:44 |
| S65 | 5999 | ((light adj emitting adj device) or LED) and layer and torr  | US-PGPUB;<br>USPAT   | OR | ON | 2005/08/24 16:19 |
| S66 | 243  | S65 and (torr with gas) and index and wavelength   | US-PGPUB;<br>USPAT   | OR | ON | 2005/08/24 13:13 |
| S67 | 136  | S66 and laser and (OLED or organic)  | US-PGPUB;<br>USPAT   | OR | ON | 2005/08/24 13:16 |
| S68 | 99   | S67 and pattern  | US-PGPUB;<br>USPAT   | OR | ON | 2005/08/24 15:23 |
| S69 | 34   | S67 and (heat adj sink)  | US-PGPUB;<br>USPAT   | OR | ON | 2005/08/24 13:16 |
| S70 | 33   | S68 and S69  | US-PGPUB;<br>USPAT   | OR | ON | 2005/08/24 13:20 |
| S71 | 210  | S66 not S70  | US-PGPUB;<br>USPAT   | OR | ON | 2005/08/24 13:24 |
| S72 | 59   | S66 not S70 and ("100" with torr)  | US-PGPUB;<br>USPAT   | OR | ON | 2005/08/24 13:24 |
| S73 | 15   | S68 and detun\$  | US-PGPUB;<br>USPAT   | OR | ON | 2005/08/24 15:23 |

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|     |       |  |  |    |     |                  |
|-----|-------|--|--|----|-----|------------------|
| S74 | 15    | S73 and parameter  | US-PGPUB;<br>USPAT   | OR | ON  | 2005/08/24 15:25 |
| S75 | 15    | S65 and (detun\$ with parameter)   | US-PGPUB;<br>USPAT   | OR | ON  | 2005/08/24 15:33 |
| S76 | 1     | "5779924".pn.  | US-PGPUB;<br>USPAT   | OR | ON  | 2005/08/25 14:17 |
| S77 | 1     | "5779924".pn. and pattern  | US-PGPUB;<br>USPAT   | OR | ON  | 2005/08/24 15:44 |
| S78 | 1     | "6504180.pn" or "6690268".pn.  | US-PGPUB;<br>USPAT   | OR | ON  | 2005/08/24 15:47 |
| S79 | 0     | "6504180.pn"   | US-PGPUB;<br>USPAT   | OR | ON  | 2005/08/24 15:47 |
| S80 | 1     | ("6504180").PN.  | US-PGPUB;<br>USPAT   | OR | OFF | 2005/08/24 15:47 |
| S81 | 18564 | ((light adj emitting adj device) or LED) and layer and pattern and parameter   | US-PGPUB;<br>USPAT   | OR | ON  | 2005/08/25 15:32 |
| S82 | 9     | ((light adj emitting adj device) or LED) and layer and pattern and (detun\$ with parameter) not torr   | US-PGPUB;<br>USPAT   | OR | ON  | 2005/08/24 15:52 |
| S83 | 95782 | ((light adj emitting adj device) or LED) and pattern   | US-PGPUB;<br>USPAT   | OR | ON  | 2005/08/24 16:19 |
| S84 | 12570 | ((light adj emitting adj device) or LED) and pattern and periodic  | US-PGPUB;<br>USPAT   | OR | ON  | 2005/08/24 16:20 |
| S85 | 11167 | S84 and @ad<"20031126"   | US-PGPUB;<br>USPAT   | OR | ON  | 2005/08/24 16:21 |
| S86 | 6179  | S85 and layer  | US-PGPUB;<br>USPAT   | OR | ON  | 2005/08/24 16:21 |
| S87 | 1804  | S86 and dielectric   | US-PGPUB;<br>USPAT   | OR | ON  | 2005/08/24 16:23 |
| S88 | 1804  | S87 and periodic   | US-PGPUB;<br>USPAT   | OR | ON  | 2005/08/24 16:24 |
| S89 | 1090  | S88 and complex  | US-PGPUB;<br>USPAT   | OR | ON  | 2005/08/24 16:26 |
| S90 | 5     | S88 and (complex with periodic with pattern)   | US-PGPUB;<br>USPAT   | OR | ON  | 2005/08/24 16:30 |
| S91 | 185   | S88 and (periodic with pattern)  | US-PGPUB;<br>USPAT   | OR | ON  | 2005/08/24 16:30 |
| S92 | 1     | "6784463".pn.  | US-PGPUB;<br>USPAT   | OR | ON  | 2005/08/25 14:17 |
| S93 | 555   | ((light adj emitting adj device) or LED) and layer and (current with spreading) and @ad<"20031126"   | US-PGPUB;<br>USPAT   | OR | ON  | 2005/08/25 15:38 |
| S94 | 168   | ((light adj emitting adj device) or LED) and layer and (current with (spreading adj layer)) and @ad<"20031126"   | US-PGPUB;<br>USPAT   | OR | ON  | 2005/08/25 15:39 |
| S95 | 55    | (light adj (emitting emissive)).ti. and (index near2 refraction) and ((n near dop\$3) with layer) and @ad<"20031126"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2006/03/15 19:43 |
| S96 | 17    | ("4212021"   "4966862"   "5008718"   "5048035"   "5060028"   "5153889"   "5414281"   "5466950"   "5744829"   "5905275"   "5917202"   "5925896"   "5939735"   "6222207"   "6492661"   "6552367"   "6552369").PN. OR ("6784462").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON  | 2006/03/15 19:37 |

## EAST Search History

|      |      |   |  |    |    |                  |
|------|------|---|--|----|----|------------------|
| S97  | 242  | (light adj (emitting emissive)) and (index near2 refraction) and ((n near dop\$3) with layer) and @ad<"20031126"      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/03/15 19:44 |
| S98  | 108  | (light adj (emitting emissive)).clm. and (index near2 refraction) and ((n near dop\$3) with layer) and @ad<"20031126" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/03/16 11:01 |
| S99  | 55   | (light adj (emitting emissive)).ti. and (index near2 refraction) and ((n near dop\$3) with layer) and @ad<"20031126"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/03/15 19:44 |
| S100 | 59   | S98 not S99   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/03/15 22:46 |
| S101 | 2    | "20040212554"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/03/15 22:46 |
| S102 | 242  | (light adj (emitting emissive)) and (index near2 refraction) and ((n near dop\$3) with layer) and @ad<"20031126"      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/03/19 05:46 |
| S103 | 55   | (light adj (emitting emissive)).ti. and (index near2 refraction) and ((n near dop\$3) with layer) and @ad<"20031126"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/03/16 11:02 |
| S104 | 187  | S102 not S103   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/03/16 11:02 |
| S106 | 1376 | (light adj (emitting emissive) adj device) and (index near2 refraction)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/03/19 05:49 |
| S107 | 416  | (light adj (emitting emissive) adj device) and ((index near2 refraction) same (gas air))                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/03/19 06:05 |


## EAST Search History

|      |    |  |  |    |     |                  |
|------|----|--|--|----|-----|------------------|
| S108 | 2  | "5779924".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2006/03/19 07:25 |
| S109 | 2  | "5073041".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2006/03/19 06:16 |
| S110 | 2  | "6784463".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2006/03/19 07:25 |
| S111 | 31 | ("4369458" "4416054" "4827290" "5060027" "5376580" "5502316" "5506451" "5621225" "5661316" "5668386" "5757829" "5779924" "5780321" "5783477" "5793062" "5917202" "5923053" "5923951" "5940683" "6005262" "6015719" "6066862" "6111272" "6221683" "6222207" "6229160" "6287947" "6307218" "6458612" "6462358" "6492661").PN. OR ("6784463").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON  | 2006/03/19 07:38 |
| S112 | 6  | ((("6784463") or ("5779924") or ("6462358"))).PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2006/07/20 10:18 |
| S113 | 2  | ("5307186").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2006/07/20 10:20 |
| S114 | 2  | ("20030197460").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2006/07/20 10:20 |



## EAST Search History

| Ref # | Hits | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|------|---|------------------------------|------------------|---------|------------------|
| L1    | 0    | ((light with emitting with device) and (light with generating with region) and (n near2 doped) and (surface) and thickness and gas and refraction).clm. | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/06/08 15:57 |
| L2    | 0    | ((light with emitting with device) and (light with generating with region) and (n near2 doped) and thickness and gas and refraction).clm.               | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/06/08 15:57 |
| L3    | 4    | ((light with emitting with device) and (light with generating with region) and (n near2 doped) and refraction).clm.                                     | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/06/08 15:57 |

*interference search*  
*6/8/07. *